

Appl. No.: 10/523,125
Reply to Office Action of: 07/05/2006

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Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A sensor module for a card connector ~~activated~~ activable by a leading edge of a card from a normally non-actuated position to an actuated position, the sensor module comprising a first contact and a second contact, wherein the first contact and the second contact each comprises a first section and a second section, wherein the first contact and the second contact are overmolded by a first overmolding body at transitions of the first section and the second section.

2. (Previously Presented) The sensor module of Claim 1, wherein the first overmolding body is capable of maintaining the first contact and the second contact at a normally non-contact arrangement such that the second sections are substantially parallel to one another.

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3. (Previously Presented) The sensor module of Claim 1, wherein the first overmolding body is capable of maintaining the first contact and the second contact at a normally contact arrangement such that the second sections are converged towards one another.

4. (Previously Presented) The sensor module of Claim 2, characterized in that: major planes of the first sections of the first and second contacts extend in a first direction, and major planes of the second sections of the first and second contacts extend in a second direction normal to the first direction.

5. (Original) The sensor module of Claim 4, wherein the first direction is parallel to a direction along which the card is inserted, and the second direction is along which the leading edge of the card extends.

6. (Original) The sensor module of Claim 2, wherein the second section of the first contact includes an extension section that first comes into contact with the leading edge of the card.

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7. (Original) The sensor module of Claim 6, wherein the second section of the first contact is driven by the leading edge of the card to contact the second section of the second contact when the extension section comes into contact with the leading edge of the card so as to assume the actuated position.

8. (Original) The sensor module of Claim 3, wherein the second section of the first contact includes an extension section that first comes into contact with the leading edge of the card.

9. (Original) The sensor module of Claim 8, wherein the second section of the first contact is driven by the leading edge of the card to separate from the second section of the second contact when the extension section comes into contact with the leading edge of the card so as to assume the actuated position.

10. (Cancelled)

11. (Cancelled)

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12. (Currently Amended) A card connector, comprising:

a housing defining a first storage area for receiving a card, and including a connecting means for connecting the card, the first storage area having an inlet end through which the card is inserted, and a terminating end opposing the inlet end; and

a sensor module provided at the terminating end and ~~activated~~ activable by a leading edge of the card from a normally non-actuated position to an actuated position, wherein the sensor module comprises a first contact and a second contact, wherein the first contact and the second contact each comprises a first section and a second section, and wherein the first contact and the second contact are overmolded by a first overmolding body at transitions of the first section and the second section.

13. (Previously Presented) The card connector of Claim 12, wherein the first overmolding body is capable of maintaining the first contact and the second contact at a normally non-contact arrangement such that the second sections are substantially parallel to one another.

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14. (Previously Presented) The card connector of Claim 12, wherein the first overmolding body is capable of maintaining the first contact and the second contact at a normally contact arrangement such that the second sections are converged towards one another.

15. (Previously Presented) The card connector of Claim 13, wherein major planes of the first sections of the first contact and the second contact extend in a first direction, and major planes of the second sections of the first contact and the second contact extend in a second direction normal to the first direction.

16. (Original) The card connector of Claim 15, wherein the first direction is parallel to a direction along which the card is inserted into the first storage area, and the second direction is that along which the leading edge of the card extends.

17. (Original) The card connector of Claim 13, wherein the second section of the first contact includes an extension section that first comes into contact with the leading edge of the card.

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18. (Original) The card connector of Claim 17, wherein the second section of the first contact is driven by the leading edge of the card to contact the second section of the second contact when the card comes into contact with the leading edge of the card so as to assume the actuated position.

19. (Original) The card connector of Claim 14, wherein the second section of the first contact includes an extension section first comes into contact with the leading edge of the card.

20. (Original) The card connector of Claim 19, wherein the second section of the first contact is driven by the leading edge of the card to separate from the second section of the second contact when the card comes into contact with the leading edge of the card so as to assume the actuated position.

21. (Cancelled)

22. (Cancelled)

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23. (Previously Presented) The card connector of Claim 12, wherein the first overmolding body is assembled to the housing.

24. (Previously Presented) The card connector of Claim 12, wherein the sensor module further comprises a second overmolding body overmolding the first and second contacts at locations distant from the first overmolding body.

25. (Original) The card connector of Claim 24, wherein the second overmolding body includes a locking mechanism to be locked to the connecting means.

26. (Original) The card connector of Claim 25, wherein the locking mechanism is an aperture.

27. (Cancelled)

28. (Currently Amended) A sensor module for a card connector ~~activated~~ activable by a leading edge of a card from a normally non-actuated position to an actuated position, wherein the sensor module comprises a first contact and a second contact, wherein the first contact and the second

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contact each comprise a first section and a second section, wherein major planes of the first sections of the first contact and the second contact extend in a first direction, wherein major planes of the second sections of the first contact and the second contact extend in a direction normal to the first section, wherein the first direction is parallel to an insertion direction of the card, wherein the second direction is a direction extending along the leading edge of the card, and wherein the first contact and the second contact are overmolded by a first overmolding body at transitions of the first section and the second section.

29. (Previously Presented) A card connector comprising:

a housing defining a first storage area for receiving a card, wherein the housing comprises a connecting means for connecting the card, wherein the first storage area comprises an inlet end through which the card is inserted and a terminating end opposing the inlet end; and

a sensor module as in claim 28.